

**REPORT OF THE HOUSE INTERIM COMMITTEE ON
THE A+ SCHOOLS PROGRAM**

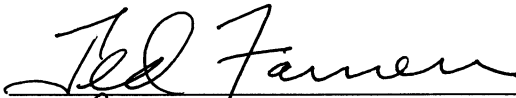
December 30, 1999

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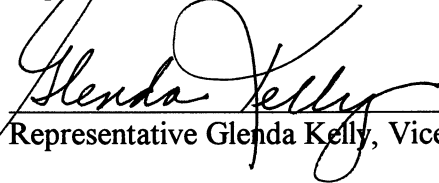
The Honorable Steve Gaw
Speaker of the House
State Capitol
Jefferson City, MO 65101

Dear Mr. Speaker:

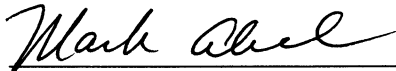
The House Interim Committee on the A+ Schools Program you appointed has met, taken testimony, deliberated, and concluded its evaluation of the A+ Schools Program. The undersigned members of the Committee are pleased to submit the attached report.



Representative Ted Farnen, Chair



Representative Glenda Kelly, Vice-Chair



Representative Mark Abel



Representative Marsha Campbell



Representative Jim Graham



Representative Charles Shields



Representative Mary Lou Sallee

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I. Introduction

In 1993, Senate Bill 380 Act was passed by the Missouri legislature, establishing the A+ Schools Program (Appendix A contains a copy of Section 160.545, RSMo, enacted by Senate Bill 380).

In response to the reality that approximately one-fourth of high school students in the state never graduate from high school, the program was established to help reduce the high school drop-out rate and to help connect non-baccalaureate degree-seeking high school students to high wage jobs through (1) graduation from high school; (2) completion of challenging high school studies for which there are identified learning expectations; and (3) advancement from high school graduation to a college, post-secondary vocational or technical school, or high wage job with workplace skill development opportunities (see Section 160.545.1, RSMo, in Appendix A). The program is based on the philosophy that the high school experience should not lead toward dropping out, dependence on public assistance, or low-wage jobs, but rather should lead to skill development to help insure a successful and productive adulthood. The cornerstone of the A+ Schools Program is a multifaceted partnership among and requiring a commitment from high schools, students, parents, the higher education community, the business sector, citizens, and the state. Participating high schools are required to modify their curriculum to meet the needs of students, eliminate the general education track, and to provide one-half of the salary for an A+ Program Coordinator. Students are required to maintain at least a 2.5 GPA, maintain a school attendance rate of at least 95%, avoid drugs, criminal involvement and school suspension, and be involved in mentoring activities with younger students. The state's commitment consists of providing teacher training, technical assistance, funding for annual grants for three years to high schools, and funding for the

costs of two years of community college or vocational-technical school for all eligible students.

Appendix B contains a specific listing of the A+ Schools Program requirements¹.

Since there is now several years of experience with the A+ Schools Program, the Speaker of the House appointed an interim committee to evaluate its effectiveness and to develop recommendations for any needed modifications or enhancements. The Speaker of the House appointed Representative Ted Farnen (Chair), Representative Glenda Kelly (Vice-Chair), Representative Mark Abel, Representative Marsha Campbell, Representative Jim Graham, Representative Charles Shields, and Representative Mary Lou Sallee to the House Interim Committee on the A+ Schools Program.

The Committee held two public hearings in Jefferson City, on November 29, 1999 and on December 14, 1999. The December 14 hearing also served as a work session during which committee members discussed the information provided to the committee and formulated recommendations. Following is a discussion of the Committee's evaluation of and recommendations for the A+ Schools Program, based on the testimony provided by officials from the Missouri Department of Elementary and Secondary Education, the Missouri Department of Higher Education, high school A+ Schools Program Coordinators, high school counselors and principals, school superintendents, high school students, community college faculty, and the Missouri Community College Association.

II. Current Program Participation and Levels of State Funding

Number of High Schools

In the 1994-1995 school year, 38 high schools in the state were designated as A+ high schools, each eligible for up to \$150,000 in annual grant awards for each of three years. The program has steadily grown each year since, with 79 high schools participating as grant recipients in the 1999-2000 school year (see Appendix C for a year-by-year listing of the number of high schools applying for A+ designation and the number of approved high schools²). Department of Elementary and Secondary Education (DESE) officials report that there are 93 high schools participating in the program without state grant assistance, and approximately 54% of Missouri high schools (262 out of 486 eligible high schools) are now participating in or have expressed interest in participating in the A+ Schools Program.

Number of Students and Post-Secondary Attendance

There were 433 students in the first cohort of A+ high school graduates in 1997; this number has increased dramatically to 2,929 in 1999. The vast majority of these graduates attended an eligible community college with tuition assistance provided by the state (85% of A+ high school graduates in 1997 (n=302) and 79% in 1999 (n=1,697)). A small proportion of these students attended an eligible vocational-technical school with tuition assistance provided by the state (3% of A+ high school graduates in 1997 (n=9) and 2% in 1999 (n=33)). Looking at the chosen fields of study only for the 1998 cohort of high school graduates (n=839), 657 or 78% pursued a university transfer or general education degree, with 77% (n=506) of those who began

such a program receiving a degree; in contrast, 22% or 182 students in the 1998 A+ cohort pursued vocational or technical degree certification.

Interestingly, a small but significant proportion of A+ high school graduates attended a four-year public college or university without state tuition financial assistance (12% of A+ high school graduates in 1997 (n=42) and 19% in 1999 (n=422))³. Testimony provided to the committee suggests that some A+ graduating students use the A+ program as a back-up plan to their aspiration of attending a four-year school, and, with acceptance into a four-year program, do not take advantage of the program's financial assistance for a two-year program. Other students have indicated that they have no intention of using the A+ financial assistance for a two-year program but rather participated in the A+ high school program because designation as an A+ graduate confers prestige. Appendix E contains data showing the distribution of A+ high school graduates attending two-year and four-year post-secondary institutions for 1997, 1998 and 1999.

Level of State Funding

As previously mentioned, the state's commitment to the A+ Schools Program involves funding both grants to designated high schools and for tuition assistance for all eligible students to attend a two-year program at a community college or vocational-technical school. For Fiscal Year 2000, the proportion of the total state appropriated funds for the high school grants and for tuition assistance is 62% and 38% respectively. Up to the present time, funding requests for the tuition assistance portion of the A+ program have been less than projected, thus freeing up funds

to allow additional high schools to be designated for inclusion in the program. The program began with a state appropriation of \$5 million in 1994. The level of funding has increased each year since 1994:

	<u>Amount Appropriated</u>
1995	\$7.5 million
1996	\$10.5 million
1997	\$13 million
1998	\$13.9 million
1999	\$15.4 million

After designation as an A+ school, high schools are eligible for an annual grant of up to \$150,000 for each of three years. Grant awards typically range from \$100,000 to \$150,000 per year.

Assuming a maximum annual grant of \$150,000 per high school, the state must appropriate an additional \$450,000 for each high school accepted into the A+ Schools Program. DESE officials estimate that it will cost approximately \$44.3 million to extend the program through the year 2002.

III. Evaluation of the A+ Schools Program

A. Statistical Indicators Aggregated data tracking A+ students, categorized into one of three annual cohorts of high schools (1997, 1998, and 1999), were provided to the Committee by DESE and the Department of Higher Education. Please note that Appendix G contains drop-out rates, attendance rates, graduation rates, and average ACT scores for individual A+ schools.

1. High School Performance

a. Drop-out Rates -- The annual percentage of A+ students dropping out of high school is compared to annual statewide averages for 1994-1998. The data show the annual drop-out rate for A+ students to be consistently below the statewide average drop-out rate, for each of the five years, and across all three cohorts of high schools. The A+ rates range from .17% to nearly 2% below the statewide rates; these lower A+ drop-out rates persist, even though the statewide drop-out rates themselves have declined over the 1994-1998 time period (see Appendix F).

b. Attendance Rates -- High school attendance rates are shown in terms of the average percentage of school days students are not absent. The average daily attendance rates for A+ students are consistently higher than the statewide average rates, ranging from .63% to over 2% higher. These higher average A+ student attendance rates occur for each of the five years, 1994-1998, and across all three cohorts of high schools (see Appendix F).

c. High School Graduation Rates -- The average statewide percentage of students graduating from high school varies from 75.3% in 1994 to 77.37% in 1998. The average graduation rates for A+ students over this same time period is consistently higher than the statewide averages, ranging from 1.8% to 5.51% higher. These higher A+ graduation rates occur for each of the three cohorts of high schools (see Appendix F).

d. Academic Preparedness -- One measure of academic preparedness for postsecondary success is the percentage of high school students scoring above the national ACT average. Over 1994-1997, the highest percentage of students for all high schools in the state

scoring above the national ACT average was 34.29%. Data on ACT scores among all students attending an A+ designated high school were provided only for 1997; these data show 38.55% of these high school students scoring above the national ACT average (see Appendix F).

2. Post-Secondary Performance

a. College-Going Rates -- Among all 1998 public high school graduates in the state, 50% attended a post-secondary institution, with 59% of these students attending a four-year school and 41% attending a two-year institution. Since the vast majority of A+ high school graduates attend a two-year post-secondary institution (see Appendix D), only college-going rates for A+ students attending two-year schools were provided to the Committee. These data show a higher college-going rate among A+ students as compared to the 50% post-secondary attendance rate for all 1998 high school graduates:

Percent of A+ High School Graduates Attending 2-year Schools

1997 A+ Cohort	70%
1998 A+ Cohort	59%
1999 A+ Cohort	58%

b. College GPA -- Data were provided for cumulative GPA scores after one semester of post-secondary attendance for A+ students who graduated from high school in 1997. Among those attending eligible two-year institutions, the average GPA score was 2.71; for 1997

A+ students attending a four-year public institution, the average GPA score was 3.05.

3. Eligibility vs. Post-Secondary Enrollment and Attendance

Data were provided to the Committee examining the number of eligible A+ graduates who enroll and continue in two-year programs. Numerical and geographical representations of these data are found in Appendix H. The data show that 69% of the 1997 A+ cohort (300 out of 433 eligible students), 59% of the 1998 A+ cohort (842 out of 1,422 eligible students), and 58% of the 1999 A+ cohort (1,693 out of 2,913 eligible students) enrolled in a first year fall semester at a two-year college. Data for completion of this semester and ongoing enrollment are available only for the 1997 and 1998 cohorts. Virtually all of the A+ students in both cohorts who enrolled in the first year fall semester also completed this term (98.7% of the 1997 cohort (n=296) and 100% of the 1998 cohort (n=842)). Among these students, the vast majority also completed the first year spring semester (91% or 273 students in the 1997 cohort, and 87.9% or 740 students in the 1998 cohort). For the second year of the two-year degree programs, data are available only for the 1997 cohort; these data show that 83.7% (n=251) of those initially enrolling in a two-year program completed the second year fall semester. By the end of the second year, nearly one-third (29% or 87 students) of the 1997 A+ cohort who initially enrolled in a two year program had received a certificate or associate's degree; nearly one-fourth of this group (22.6% or 98 students) had enrolled in a third year fall semester.

The geographical displays of eligibility and enrollment data for A+ students found in Appendix H

suggest that the physical proximity of high schools to community colleges and vocational technical schools is one influence on A+ student enrollment in a two-year program. Geographical proximity to community colleges and vocational technical schools may also influence whether or not a given high school in the state seeks A+ designation.

B. Personal Experiences with the A+ Schools Program

The Committee heard from a number of witnesses who have had personal experiences with the A+ program, either in a teaching or program coordinator capacity, or as a student. The testimony provided indicates overwhelming support for the program. Several high school A+ Program Coordinators reported significant reductions in the drop-out rates for A+ students; in one high school, the drop-out rate is now less than 4%, and in another high school, the drop-out rate was reported to be reduced by one-half. But in addition to helping keep students in high school, witnesses report that the A+ program has an important and positive affect on the quality of the high school experience. Changes in the curriculum required by the program and the mentoring/tutoring involvement required of all A+ students result in students being more enthusiastic about and involved in their education, and more connected to others. Students participating in the A+ program also develop skills in goal setting and career planning, both of which are important components for post-secondary attendance and success. The A+ program was also described as enhancing the involvement of parents in their children's education, and as promoting important partnerships among various community sectors. For example, one partnership described by a witness representing the Missouri Community College Association

involves an agreement between Southeast Missouri State University (SEMO) and area community colleges to allow community college offerings at SEMO and at the community college tuition rate. The A+ Schools Program was unanimously described by the witnesses as an effective and important tool which provides an important bridge between high school and post-secondary education.

There were only two issues witnesses discussed as areas warranting change or improvement. First, the Committee heard testimony that additional funding is needed for the program, to help insure that existing A+ programs are able to continue in the participating high schools and to also designate additional high schools as A+ schools. Second, the Committee heard from witnesses who believe that the geographical distance involved in attending an eligible two-year institution discourages St. Joseph A+ high school graduates from using the program's financial assistance for post-secondary education. The nearest eligible institutions for St. Joseph A+ graduates are found in the Kansas City area. The distance involved imposes costs to the St. Joseph students, in terms of transportation and living away from home, which are difficult if not impossible to bear. One St. Joseph A+ program graduate relayed that her choice of field of study was changed, only because she was unable to finance the added costs of attending a Kansas City-area institution which offered her preferred course of study. These witnesses requested that St. Joseph A+ graduates be allowed to use the A+ financial assistance to enroll in and complete one of the two-year programs offered by Missouri Western State College, a four-year institution.

IV. Discussion and Recommendations

All of the information and testimony presented to the Committee indicate that the A+ Schools Program is a highly successful program, and is meeting its key objective of graduating students from high school with the skills needed for success in an institution of post-secondary education. The Committee advances recommendations related to funding issues.

The Committee recommends that the legislature allocate additional funds for the program, so that more students and more school districts in the state are able to participate in the program. The legislature should also work in coordination with DESE and the Department of Higher Education to insure that the A+ program continues at a consistent pace; this coordination should be aimed at preventing participating A+ schools from discontinuing their programs due to a lack or reduced availability of state resources. The state needs to assure participating school districts, schools, and students that the state can and will follow through on its commitment to the A+ Schools Program. The Committee also recommends that the legislature investigate the possibility of supplemental funding for school districts to allow the purchase of needed equipment to sustain the program and for ongoing funding of at least part of the salaries for A+ High School Coordinators, a vital part of program success. In tandem with the state's financial commitment, the Committee recommends that the program emphasize the importance for local school boards to plan ahead by making appropriate levels of budget allocations for the period after state funding ends. The multi-faceted partnership on which the A+ Schools Program is based requires that each partner demonstrate a commitment to the program; local school boards are a crucial partner and their

commitment is especially vital for the ongoing success of the A+ program.

A key funding issue involves whether to expand the A+ program so that students can attend a four-year institution, rather than limiting the financial assistance to attendance at a two- year or vocational-technical school. Although the Committee acknowledges that there are access problems in certain pockets of the state, expanding the program to offer financial assistance for attendance at four-institutions may not be prudent. As the A+ program is currently administered through rule and regulation, the program reimburses the costs of tuition, books, and fees for attendance only at public community colleges or vocational or technical schools (see Section 160.545.5, Appendix A). Funding for those currently participating could be adversely affected, if the A+ program is expanded to include four-year institutions. Although not all eligible students would use the financial assistance, there may be an increase in the number of students being reimbursed for college costs, if the program is expanded in this manner. Besides cutting into the availability of existing resources, such an expansion would obligate the state to multiple long-term financial commitments.

1. Information provided by the Department of Elementary and Secondary Education (DESE) and the Department of Higher Education.

2. Data supplied by DESE and the Department of Higher Education.

3. Appendix D contains data showing the numbers and post-secondary experiences of A+ high school graduates.

APPENDIX A

**Statutory Authorization for the A+ Schools Program
Section 160.545, RSMo**

160.545. A+ School Program established--purpose--rules--variable fund match requirement--waiver of rules and regulations, requirement-- reimbursement for higher education costs for students--evaluation.--

1. There is hereby established within the department of elementary and secondary education the "A+ Schools Program" to be administered by the commissioner of education. The program shall consist of grant awards made to public secondary schools that demonstrate a commitment to ensure that:

- (1) All students be graduated from school;
- (2) All students complete a selection of high school studies that is challenging and for which there are identified learning expectations; and
- (3) All students proceed from high school graduation to a college or postsecondary vocational or technical school or high wage job with work place skill development opportunities.

2. The state board of education shall promulgate rules and regulations for the approval of grants made under the program to schools that:

- (1) Establish measurable district-wide performance standards for the goals of the program outlined in subsection 1 of this section; and
- (2) Specify the knowledge, skills and competencies, in measurable terms, that students must demonstrate to successfully complete any individual course offered by the school, and any course of studies which will qualify a student for graduation from the school; and
- (3) Do not offer a general track of courses that, upon completion, can lead to a high school diploma; and
- (4) Require rigorous coursework with standards of competency in basic academic subjects for students pursuing vocational and technical education as prescribed by rule and regulation of the state board of education; and
- (5) Have a partnership plan developed in cooperation and with the advice of local business persons, labor leaders, parents, and representatives of college and postsecondary vocational and technical school representatives, with the plan then approved by the local board of education. The plan shall specify a mechanism to receive information on an annual basis from those who developed the plan in addition to senior citizens, community leaders, and teachers to update the plan in order to best meet the goals of the program as provided in subsection 1 of this section. Further, the plan shall detail the procedures used in the school to identify students that may drop out of school and the intervention services to be used to meet the needs of such students. The plan shall outline counseling and mentoring services provided to students who will enter the work force upon graduation from high school, address apprenticeship and intern programs, and shall contain procedures for the recruitment of volunteers from the community of the school to serve in schools receiving program grants.

3. By rule and regulation, the state board of education may determine a local school district variable fund match requirement in order for a school or schools in the district to receive a grant under the program. However, no school in any district shall receive a grant under the program unless the district designates a salaried employee to serve as the program coordinator, with the district assuming a minimum of one-half the cost of the salary and other benefits provided to the coordinator. Further, no school in any district shall receive a grant under the program unless the district makes available facilities and services for adult literacy training as specified by rule of the state board of education.

4. For any school that meets the requirements for the approval of the grants authorized by this section and specified in subsection 2 of this section for three successive school years, by August first following the third such school year, the commissioner of education shall present a plan to the superintendent of the school district in which such school is located for the waiver of rules and regulations to promote flexibility in the operations of the school and to enhance and encourage efficiency in the delivery of instructional services in the school. The provisions of other law to the contrary notwithstanding, the plan presented to the superintendent shall provide a summary waiver, with no conditions, for the pupil testing requirements pursuant to section 160.257 in the school. Further, the provisions of other law to the contrary notwithstanding, the plan shall detail a means for the waiver of requirements otherwise imposed on the school related to the

authority of the state board of education to classify school districts pursuant to subdivision (9) of section 161.092, RSMo, and such other rules and regulations as determined by the commissioner of education, except such waivers shall be confined to the school and not other schools in the school district unless such other schools meet the requirements of this subsection. However, any waiver provided to any school as outlined in this subsection shall be void on June thirtieth of any school year in which the school fails to meet the requirements for the approval of the grants authorized by this section as specified in subsection 2 of this section.

5. Within the amount appropriated for the program, in addition to the grants to public schools authorized by subsections 1 to 3 of this section, the commissioner of education shall, by rule and regulation of the state board of education and with the advice of the coordinating board for higher education, establish a procedure for the reimbursement of the cost of tuition, books and fees to any public community college or vocational or technical school for any student:

(1) Who has attended a public high school in the state for at least three years immediately prior to graduation that meets the requirements of subsection 2 of this section; and

(2) Who has made a good faith effort to first secure all available federal sources of funding that could be applied to the reimbursement described in this subsection; and

(3) Who has earned a minimal grade average while in high school as determined by rule of the state board of education, and other requirements for the reimbursement authorized by this subsection as determined by rule and regulation of said board.

6. The commissioner of education shall develop a procedure for evaluating the effectiveness of the program described in this section. Such evaluation shall be conducted annually with the results of the evaluation provided to the governor, speaker of the house, and president pro tempore of the senate.

(L. 1993 S.B. 380 § 14)

*Contingent expiration date. See section 143.107.

(1996) Contingent referendum provision was found to be an unconstitutional delegation of legislative authority thereby making section 143.107 void. Akin v. Director of Revenue, 934 S.W.2d 295 (Mo.banc 1996).

APPENDIX B

A+ Schools Program Requirements

Information provided by DESE and the Department of Higher Education

A+ SCHOOLS PROGRAM REQUIREMENTS

1. Establish measurable district-wide performance standards for the three A+ Schools goals:

- All students graduate from high school;
- All students complete a selection of high school studies that is challenging and for which there are identified learning expectations;
- All students proceed from high school graduation to a college, postsecondary vocational school or a high wage job with workplace skill development opportunities.

2. Specify knowledge, skills, and competencies in measurable terms for all high school courses (CAREER PATHS or PROGRAM OF STUDIES) leading to graduation.

3. Eliminate the GENERAL TRACK OF COURSES, that upon completion leads to a high school diploma, BUT NO JOB and/or DOES NOT MEET COLLEGE ENTRANCE REQUIREMENTS.

4. Establish student performance standards for graduation that meet or exceed the Show-Me Standards adopted by the State Board of Education.
5. Require rigorous coursework in academic subjects for all vocational students (again, emphasizing the importance of core courses).
6. Detail procedures to identify potential dropouts and offer intervention services.
7. Outline counseling/mentoring services for students going to work after graduation.
8. Address apprenticeships and internship programs.
9. Identify procedures for recruiting community volunteers to serve in the school.

10. Develop an "A+ Schools Partnership Plan" with:

- Cooperation of business, labor, parents, colleges, and vocational schools
- Plan to be approved by the local board of education
- Plan to identify means to receive information annually to update the plan from original planning group, senior citizens, community leaders, and teachers

11. Have an A+ Schools Coordinator (50% match at local level).

12. Have grants up to \$150,000 in state money, with local match of 25% on all funds except those associated with A+ Schools Coordinator.

13. Grant cycle:

- RFPs issued by January 1, (December 1, 1999) annually
- Grant applications due to DESE by March 31
- Readers review and rate applications in May/June
- Grant awards made effective July 1

APPENDIX C

A+ High School Applications and Designations, 1994 - 2000

Information provided by DESE and the Department of Higher Education

A+ Schools Program

School Year	New Grant Application	Not Funded	1st Year Grants Approved	2nd Year Grants	3rd Year Grants
94-95	78	40	38	First Year of Program	
95-96	50	31	19	38	2nd Year of Program
96-97	64	34	30	19	38
97-98	72	36	36	30	19
98-99	90	80	10	36	30
99-00	57	41	16+ 18 Mini Grants approved ½ funded in 98-99 other ½ 99-00	10	35* *1 school forgave 3rd year of Grant in order to receive A+ designation

APPENDIX D

Post-Secondary Experiences of A+ High School Graduates

Information provided by DESE and the Department of Higher Education

Coordinating Board for Higher Education A+ ELIGIBLE HIGH SCHOOL GRADUATES Cohort and Trend Analysis FY 1998 through FY 2000			
TREND INDICATORS	<i>1997 Cohort</i>	<i>1998 Cohort</i>	<i>1999 Cohort</i>
	'97 HS Grad.	'98 HS Grad.	'99 HS Grad.
	Fall '97 College/AVTS Enrollment	Fall '98 College/AVTS Enrollment	Fall '99 College/AVTS Enrollment
	FY 1998	FY 1999	FY 2000
TOTAL A+ DESIGNATED HIGH SCHOOLS	38	54	86
A+ HIGH SCHOOL GRADUATES (Individual cohorts of Spring graduating A+ seniors)	433	1422	2929
A+ GRADUATES UNKNOWN STATUS AFTER HIGH SCHOOL	80 18%	362 25%	777 26%
A+ HS GRADS ATTENDING MISSOURI PUBLIC COLLEGES/UNIVERSITIES/AVTS (Enrolling in fall as FT degree-seeking freshman)	353 82%	1060 75%	2152 74%
A+ Attending Eligible Two-year Institutions (and using A+ Financial Incentives)	302 85%	839 79%	1697 79%
A+ Attending Eligible AVTS Adult Programs (and using A+ Financial Incentives)	9 3%	19 2%	33 2%
A+ Attending Four-year Missouri Public Colleges/Universities (and <u>NOT</u> using A+ Financial Incentives)	42 12%	202 19%	422 19%

Source: Department of Elementary and Secondary Education, Adult and Vocational Technical Division, and A+ Schools Office, and Coordinating Board for Higher Education Missouri Student Achievement Survey Data Base

APPENDIX E

Distribution of A+ Graduates attending Two-year and Four-year Institutions

Information provided by the Department of Higher Education

Coordinating Board for Higher Education Distribution of A+ Graduates Attending Two-year Institutions			
Two-year Institutions	1997 Cohort	1998 Cohort	1999 Cohort
Crowder College	1	17	61
East Central College	6	64	99
Jefferson College	0	8	83
Metropolitan Community Colleges			
Longview Community College	2	23	103
Maple Woods Community College	64	111	218
Penn Valley Community College	4	8	21
Mineral Area College	17	68	94
Moberly Area Community College	7	64	100
North Central Missouri College	47	49	97
Ozarks Technical Community Coll.	21	83	144
St. Charles Co. Community College	27	91	88
St. Louis Community College			
Florissant Valley Community Coll.	2	10	41
Forest Park Community College	0	2	14
Meramec Community College	66	117	205
State Fair Community College	27	70	125
Three Rivers Community College	2	15	63
Linn State Technical College	9	39	55
SMSU—West Plains	na	na	86
TOTAL	302	839	1697

Source: Coordinating Board for Higher Education

(Note: First-time, Full-time, Degree Seeking Freshmen)

Coordinating Board for Higher Education

Distribution of A+ Graduates NOT Using A+ Financial Incentives and Attending a Public Four-year Institution

Four-year Institutions	1997 Cohort	1998 Cohort	1999 Cohort
Central Missouri State University	11	24	36
Harris-Stowe College	0	0	1
Lincoln University	2	7	13
Missouri Southern State College	0	18	26
Missouri Western State College	4	18	27
Northwest Missouri State University	4	11	32
Southeast Missouri State University	3	9	24
Southwest Missouri State University	8	42	86
Truman State University	3	14	47
UM—Columbia	3	35	89
UM—Kansas City	1	7	12
UM—Rolla	2	10	10
UM—St. Louis	1	7	9
Total	42	202	422

APPENDIX F

Performance Indicators for A+ Graduates

Chart 1: Annual Drop-out Rates

Chart 2: Average Daily Attendance

Chart 3: Graduation Rates

Chart 4: ACT Scores

Information provided by the DESE and the Department of Higher Education

**PRELIMINARY ASSESSMENT OF THE A+ SCHOOLS PROGRAM
THREE YEARS OF DESIGNATED A+ SCHOOLS**

ANNUAL DROPOUT RATE

<u>Dropout Rate</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>
1997 Schools (38)	6.08	6.26	5.29	5.08	5.12
1998 Schools (19)	6.12	5.93	4.76	4.48	4.19
1999 Schools (29)	6.48	6.52	5.98	5.46	4.62
STATE AVERAGE	7.10	6.95	6.70	5.84	5.29

**PRELIMINARY ASSESSMENT OF THE A+ SCHOOLS PROGRAM
THREE YEARS OF DESIGNATED A+ SCHOOLS**

AVERAGE DAILY ATTENDANCE

<u>ADA Rate</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>
1997 Schools (38)	91.94	91.33	91.48	91.41	92.04
1998 Schools (19)	91.79	92.29	92.26	92.50	93.19
1999 Schools (29)	91.98	91.94	91.29	91.94	91.59
	_____	_____	_____	_____	_____
STATE AVERAGE	90.45	90.70	90.19	90.74	90.93

**PRELIMINARY ASSESSMENT OF THE A+ SCHOOLS PROGRAM
THREE YEARS OF DESIGNATED A+ SCHOOLS**

GRADUATION RATE

<u>Graduation Rate</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>
1997 Schools (38)	77.95	78.46	78.22	78.04	79.35
1998 Schools (19)	77.31	78.58	79.22	80.78	82.57
1999 Schools (29)	77.86	78.51	77.03	77.24	79.53
STATE AVERAGE	75.30	75.49	75.23	75.27	77.37

PRELIMINARY ASSESSMENT OF THE A+ SCHOOLS PROGRAM THREE YEARS OF DESIGNATED A+ SCHOOLS

ACT Scores - Missouri School Improvement Program looks at the percent of high school students who score above the National ACT Average.

1994-97

For all high schools in Missouri, the highest percent of students who scored above the National ACT Average was 34.29%.

1997

54 designated A+ high schools had a total of 38.55% of their students scoring above the National ACT Average.

The first 38 A+ high schools (those in the program the longest) had 39.08% of their students scoring above the National ACT Average Score.

1995-1999

**First Wave of 38 Schools -- 22 raised their scores (58%)
Second Wave of 19 Schools -- 13 raised their scores (68%)
Third Wave of 29 Schools -- 19 raised their scores (66%)**

APPENDIX G

Performance Indicators for Individual A+ Schools

- Chart 1: Annual Drop-out Rates**
- Chart 2: Average Daily Attendance**
- Chart 3: Graduation Rates**
- Chart 4: ACT Scores**

Information provided by DESE

A+ Schools Data
Drop-out Rate Set 1

County/ District Code	School Name	1994	1995	1996	1997	1998
001-091	Kirkville	7.86	3.59	4.31	5.37	5.60
011-082-1080	St. Joseph (Lafayette)	6.12	5.92	5.14	4.87	4.06
014-129	Fulton	7.93	6.91	6.89	5.41	5.36
016-096	Cape Girardeau	9.18	10.69	7.67	5.33	7.42
024-093-1050	N. Kansas City	7.40	9.81	7.75	9.86	5.20
024-093-1075	Oak Park					
024-093-1090	Winnetonka					
026-006	Jefferson City	6.82	5.61	5.90	5.26	5.00
027-061	Boonville	5.95	6.28	5.55	2.59	2.19
039-139	Logan- Rogersville	2.26	4.17	4.77	4.39	6.05
039-141-1050	Springfield (Central)	8.70	9.38	8.27	8.66	7.42
042-124	Clinton	2.90	2.86	3.94	4.38	5.64
045-124	New Franklin	3.80	7.52	4.05	6.96	7.81
046-134	West Plains	7.20	6.57	3.46	4.00	4.52
047-060	South Iron (Annapolis)	2.58	1.67	5.00	4.20	3.56
048-080	K. C. (Center)	6.78	7.94	5.26	8.73	12.48
051-155	Knob Noster	6.54	4.99	8.77	5.26	4.33
054-045	Lexington	6.42	8.32	4.95	7.67	4.71
055-110	Aurora	8.25	8.18	7.91	3.26	3.52
058-112	Brookfield	2.34	4.34	2.89	2.37	3.73
059-117	Chillicothe	4.06	4.71	4.65	1.33	1.84
066-102	Eldon	8.44	8.46	5.50	8.47	6.58
070-093	Montgomery Co.	9.63	10.89	5.89	6.30	5.09
072-073	Gideon	4.27	4.33	3.32	1.53	4.27
080-125	Sedalia (Smith Cotton)	6.97	8.91	7.39	9.55	6.54
081-094	St. James	5.25	6.36	2.85	6.30	4.38
081-096	Rolla	6.20	5.88	5.55	3.57	2.91
085-046	Waynesville	3.96	3.52	3.02	4.36	2.95
089-089	Richmond	5.08	9.71	6.13	3.77	9.15
092-089	Wentzville	6.98	7.14	4.73	3.81	4.38
092-090-1050	St. Charles	9.52	5.92	6.49	3.39	4.48
092-090-1075	St. Charles W.					
094-078	Farmington	2.93	2.98	2.95	4.70	4.18
094-083	N. County (Bonne Terre)	5.34	4.32	4.39	4.51	5.62
096-093	Lindbergh	2.90	2.94	3.57	2.71	2.93
096-094-1075	Oakville	7.77	7.10	5.20	4.49	4.54
104-044	Reeds Spring	7.76	4.49	3.79	4.67	6.91
109-003	Warrenton	6.47	6.75	7.39	5.79	4.03
A+ Average		6.08	6.26	5.29	5.08	5.12
State Average		7.10	6.95	6.70	5.84	5.29

A+ Schools Data Drop-out Rate Set 2

County/ District Code	School Name	1994	1995	1996	1997	1998
004-110	Mexico	5.71	4.98	3.43	2.88	3.02
005-128	Monett	5.25	4.59	4.64	3.97	5.58
010-089	Hallsville	9.77	7.43	5.48	3.93	4.84
015-002	Camdenton	6.12	4.55	3.38	1.71	1.53
024-087	Smithville	1.51	1.36	3.20	3.49	1.77
030-093	Dallas County (Buffalo)	14.01	9.65	2.43	5.23	4.20
036-126	Pacific	7.33	6.60	6.05	5.53	4.89
039-134	Republic	4.13	5.36	5.22	4.33	2.03
040-107	Trenton	6.78	6.80	5.72	3.00	10.21
046-131	Willow Springs	4.76	4.16	5.11	4.24	2.47
048-077-1050	Independence (William Chrisman)	9.17	8.17	10.40	9.82	7.55
048-077-1075	Independence (Truman)					
049-132	Carl Junction	5.00	6.73	5.00	4.43	7.23
049-148	Joplin	11.76	12.07	9.15	10.08	6.33
064-075	Hannibal	7.27	8.86	7.00	7.45	5.66
076-082	Linn	4.80	4.76	1.43	0.45	0.00
088-072	Northeast R-IV (Cairo)	1.10	2.93	1.86	1.77	2.64
097-129	Marshall	4.03	7.30	4.61	7.87	3.86
103-135	Bernie	1.71	0.53	1.62	0.56	1.70
A + Average		6.12	5.93	4.76	4.48	4.19
State Average		7.10	6.95	6.70	5.84	5.29

County/ District Code	School Name	1994	1995	1996	1997	1998
005-123	Cassville	10.03	8.73	7.21	4.60	5.62
012-109	Popular Bluff	11.81	10.39	6.67	5.36	6.25
014-126	North Callaway	2.84	4.55	4.59	6.70	3.87
033-090	Salem	10.23	8.63	5.48	6.85	3.65
035-102	Kennett	9.54	3.02	10.69	9.37	7.11
036-136	St. Clair	7.17	10.55	11.56	8.12	4.08
041-002	South Harrison	2.02	4.12	4.15	6.25	5.03
049-142	Carthage	8.93	11.69	9.84	10.76	5.88
049-144	Webb City	8.17	8.29	13.85	7.32	7.30
050-001	Northwest (House Springs)	3.66	4.25	5.56	3.32	5.42
050-006	Festus	5.26	7.44	6.15	8.07	6.86
050-013	Crystal City	5.68	10.09	6.76	5.39	1.89
058-108	Meadville	4.60	2.53	2.50	0.00	0.00
061-156	Macon	3.12	1.33	3.83	4.41	4.83
079-077	Perryville	7.68	6.79	5.16	4.44	3.65
083-003	Platte County	3.18	3.53	4.06	1.73	3.13
083-005-1050	Park Hill	3.78	1.44	2.53	1.82	2.74
083-005-1080	Park Hill S.					
086-100	Putnam County	2.41	3.09	4.45	5.75	2.07
088-081	Moberly	9.75	13.48	11.03	11.74	6.97
096-088-1075	Hazelwood W.	3.87	4.67	4.25	5.01	5.33
096-089-1070	McCluer N.	9.61	6.50	5.69	4.61	5.39
096-094-1050	Mehlville	7.77	7.10	5.20	4.49	4.54
096-113	Valley Park	12.04	11.52	5.01	3.85	4.67
100-063	Sikeston	3.05	3.65	3.14	2.13	2.54
107-152	Houston	5.26	6.70	5.45	8.92	6.36
107-153	Summersville	3.36	5.67	1.16	0.54	1.50
110-029	Potosi	10.54	4.51	6.13	7.15	9.02
112-102	Marshfield	6.34	8.35	5.42	4.36	3.87
A + Average		6.48	6.52	5.98	5.46	4.62
State Average		7.10	6.95	6.70	5.84	5.29

A+ Schools Data
Average Daily Attendance Set 1

County/ District Code	School Name	1994	1995	1996	1997	1998
001-091	Kirkville	97.32	94.86	94.31	95.31	94.44
011-082-1080	St. Joseph (Lafayette)	99.83	93.06	91.55	92.71	95.12
014-129	Fulton	89.94	92.23	88.83	88.85	91.91
016-096	Cape Girardeau	90.18	88.38	87.81	87.86	92.94
024-093-1050	N. Kansas City	90.70	90.06	88.84	88.67	88.73
024-093-1075	Oak Park					
024-093-1090	Winnetonka					
026-006	Jefferson City	94.44	92.07	90.91	89.16	91.02
027-061	Boonville	91.35	91.93	94.40	92.48	93.50
039-139	Logan-Rogersville	94.78	91.28	94.44	95.31	93.99
039-141-1050	Springfield (Central)	89.66	89.77	89.28	90.46	90.48
042-124	Clinton	97.43	96.86	94.71	91.49	94.19
045-124	New Franklin	93.31	93.74	92.59	91.07	89.54
046-134	West Plains	89.68	90.69	92.20	92.50	91.91
047-060	South Iron (Annapolis)	95.64	93.45	93.84	91.16	92.68
048-080	K. C. Center	86.84	86.57	88.01	87.56	82.66
051-155	Knob Noster	92.61	92.07	96.26	90.03	88.88
054-045	Lexington	90.68	91.07	91.45	91.17	93.55
055-110	Aurora	91.39	91.10	89.67	91.10	91.83
058-112	Brookfield	92.08	93.97	99.77	92.11	94.12
059-117	Chillicothe	91.13	89.72	86.02	94.60	93.07
066-102	Eldon	90.57	91.24	90.73	90.39	88.36
070-093	Montgomery Co.	86.00	89.97	89.45	90.92	93.48
072-073	Gideon	94.66	93.49	91.97	93.60	93.38
080-125	Sedalia (Smith Cotton)	90.73	90.33	93.97	87.46	93.07
081-094	St. James	95.15	97.75	92.34	96.42	96.08
081-096	Rolla	93.07	92.87	93.36	94.44	93.68
085-046	Waynesville	92.08	89.54	91.23	91.09	91.97
089-089	Richmond	93.36	88.37	89.58	89.29	94.84
092-089	Wentzville	91.66	90.31	88.64	87.43	87.03
092-090-1050	St. Charles	90.41	90.11	92.18	99.04	94.16
092-090-1075	St. Charles W.					
094-078	Farmington	92.62	92.20	92.98	93.24	93.53
094-083	N. County (Bonne Terre)	92.70	90.44	96.00	91.37	91.51
096-093	Lindbergh	86.82	87.26	86.18	88.10	87.56
096-094-1075	Oakville	89.32	88.71	88.53	90.56	91.15
104-044	Reeds Spring	90.36	91.08	89.81	90.53	90.63
109-003	Warrenton	89.56	90.25	90.21	92.08	91.50
A+ Average		91.94	91.33	91.48	91.41	92.04
State Average		90.45	90.70	90.19	90.74	90.93

[illegible]

County/ District Code	School Name	1994	1995	1996	1997	1998
005-123	Cassville	92.87	83.18	92.20	92.79	83.74
012-109	Popular Bluff	90.53	97.36	91.50	96.28	89.18
014-126	North Callaway	91.59	90.40	90.44	91.73	94.21
033-090	Salem	89.72	91.76	90.10	91.38	92.29
035-102	Kennett	89.92	91.41	89.51	90.17	90.77
036-136	St. Clair	85.73	89.17	86.56	87.67	91.15
041-002	South Harrison	89.36	95.55	96.37	94.88	93.41
049-142	Carthage	91.54	92.19	94.03	93.11	92.01
049-144	Webb City	91.66	93.36	92.22	93.30	92.10
050-001	Northwest- House Springs	91.77	89.42	88.77	89.84	90.83
050-006	Festus	94.18	93.87	91.99	91.90	91.88
050-013	Crystal City	90.79	90.48	93.56	89.16	93.33
058-108	Meadville	92.88	94.96	94.34	95.48	95.81
061-156	Macon	94.52	93.42	86.82	86.85	86.48
079-077	Perryville	91.77	93.55	93.24	93.80	91.55
083-003	Platte County	95.46	94.31	92.80	91.80	94.42
083-005-1050	Park Hill	95.78	92.29	89.13	90.24	92.73
083-005-1080	Park Hill S.					
086-100	Putnam County	93.70	94.26	93.22	94.35	95.14
088-081	Moberly	92.24	91.54	92.55	94.99	85.49
096-088-1075	Hazelwood W.	93.16	92.96	90.44	92.15	91.40
096-089-1070	McCluer N.	90.47	88.94	89.42	89.54	89.01
096-094-1050	Mehlville	89.32	88.71	88.53	90.56	91.15
096-113	Valley Park	85.24	88.17	91.47	92.63	92.21
100-063	Sikeston	95.96	92.37	91.55	90.47	91.04
107-152	Houston	97.49	96.75	92.66	94.21	93.36
107-153	Summersville	94.79	94.47	95.78	95.18	94.95
110-029	Potosi	89.55	89.32	86.90	89.89	90.15
112-102	Marshfield	91.12	90.41	90.17	90.19	94.74
A+ Average		91.89	91.94	91.29	91.94	91.59
State Average		90.45	90.70	90.19	90.74	90.93

A+ Schools Data
Graduation Rate Set 1

County/ District Code	School Name	1994	1995	1996	1997	1998
001-091	Kirkville	82.53	81.81	78.86	80.20	77.71
011-082-1080	St. Joseph (Lafayette)	82.26	76.71	80.63	83.57	80.09
014-129	Fulton	80.00	65.51	68.32	75.31	80.43
016-096	Cape Girardeau	62.62	70.27	71.49	71.06	70.72
024-093-1050	N. Kansas City	69.99	71.33	69.74	67.62	71.96
024-093-1075	Oak Park					
024-093-1090	Winnetonka					
026-006	Jefferson City	68.98	72.96	75.75	76.87	79.21
027-061	Boonville	84.34	81.98	78.50	76.80	89.92
039-139	Logan-Rogersville	84.55	86.17	84.29	88.35	85.40
039-141-1050	Springfield (Central)	73.27	69.88	70.45	70.41	71.36
042-124	Clinton	80.97	83.53	84.86	86.41	83.00
045-124	New Franklin	65.62	87.50	82.35	70.37	78.94
046-134	West Plains	73.23	72.91	77.81	83.27	84.95
047-060	South Iron (Annapolis)	88.46	93.33	88.00	86.20	88.57
048-080	K. C. (Center)	74.35	78.00	78.19	72.51	62.43
051-155	Knob Noster	84.34	82.20	76.31	76.99	72.89
054-045	Lexington	75.78	75.00	73.73	70.52	77.01
055-110	Aurora	69.16	68.05	68.24	78.72	82.48
058-112	Brookfield	80.61	78.50	79.38	87.37	88.88
059-117	Chillicothe	79.36	81.59	80.35	86.74	80.62
066-102	Eldon	76.66	68.87	74.01	66.85	70.58
070-093	Montgomery Co.	80.00	77.95	63.04	78.04	80.43
072-073	Gideon	83.33	82.35	85.00	69.56	86.84
080-125	Sedalia (Smith Cotton)	72.41	78.99	76.27	74.18	65.21
081-094	St. James	89.24	80.76	86.06	74.49	76.21
081-096	Rolla	78.18	80.58	82.50	82.38	81.57
085-046	Waynesville	86.83	78.27	83.40	82.90	87.30
089-089	Richmond	74.28	71.79	81.34	78.19	68.26
092-089	Wentzville	70.80	81.06	75.46	78.35	80.64
092-090-1050	St. Charles	71.94	76.81	71.56	76.33	80.00
092-090-1075	St. Charles W.					
094-078	Farmington	88.26	88.75	86.34	83.27	83.45
094-083	N. County (Bonne Terre)	82.79	87.50	86.59	78.54	86.95
096-093	Lindbergh	83.41	86.05	85.23	88.10	87.98
096-094-1075	Oakville	74.60	73.06	75.74	76.55	79.70
104-044	Reeds Spring	82.85	75.97	85.45	80.43	79.43
109-003	Warrenton	72.36	80.12	72.67	84.28	76.33
A+ Average		77.95	78.46	78.22	78.04	79.35
State Average		75.30	75.49	75.23	75.27	77.37

County/ District Code	School Name	1994	1995	1996	1997	1998
004-110	Mexico	82.38	82.38	78.63	83.80	91.37
005-128	Monett	83.47	79.68	82.51	86.29	77.35
010-089	Hallsville	61.97	64.78	76.81	78.88	80.00
015-002	Candenton	72.62	76.07	77.41	90.19	90.68
024-087	Smithville	85.00	94.52	94.66	88.46	90.00
030-093	Dallas County (Buffalo)	76.92	67.94	82.69	65.53	78.57
036-126	Pacific	71.11	67.56	78.00	75.09	76.22
039-134	Republic	84.11	85.58	81.77	82.56	80.31
040-107	Trenton	81.19	82.05	74.13	79.16	78.76
046-131	Willow Springs	71.30	76.19	69.23	85.00	85.22
048-077-1050	Independence (William Chrisman)	77.25	77.76	68.43	64.43	70.09
048-077-1075	Independence (Truman)					
049-132	Carl Junction	68.00	77.84	75.64	80.45	82.79
049-148	Joplin	54.26	57.94	66.09	66.15	66.36
064-075	Hannibal	74.40	73.33	73.72	70.76	80.75
076-082	Linn	87.93	87.09	82.69	89.06	92.72
088-072	Northeast R-IV (Cairo)	86.66	95.23	91.30	94.73	90.90
097-129	Marshall	79.47	79.48	79.81	78.05	81.64
103-135	Bernie	93.61	89.09	92.50	95.45	92.68
A+ Average		77.31	78.58	79.22	80.78	82.57
State Average		75.30	75.49	75.23	75.27	77.37

County/ District Code	School Name	1994	1995	1996	1997	1998
005-123	Cassville	79.13	65.80	69.09	72.89	79.04
012-109	Popular Bluff	69.49	67.79	65.07	69.01	71.03
014-126	North Callaway	76.38	83.33	76.92	78.66	80.95
033-090	Salem	68.25	66.82	75.28	79.06	81.60
035-102	Kennett	70.76	75.92	70.13	66.89	67.42
036-136	St. Clair	76.02	72.63	69.54	68.77	66.66
041-002	South Harrison	85.00	94.11	88.40	87.17	80.51
049-142	Carthage	68.05	68.71	66.87	64.72	69.06
049-144	Webb City	63.59	68.75	70.90	68.36	71.47
050-001	Northwest- House Springs	82.19	86.06	80.46	78.18	82.99
050-006	Festus	82.69	76.77	75.89	69.49	74.75
050-013	Crystal City	81.81	83.33	71.13	75.34	72.72
058-108	Meadville	92.59	93.33	90.00	92.30	95.00
061-156	Macon	90.00	94.57	90.15	86.01	83.21
079-077	Perryville	74.20	73.51	70.07	75.98	86.23
083-003	Platte County	89.09	86.84	87.50	89.11	88.80
083-005-1050	Park Hill	79.60	84.69	93.57	90.36	91.65
083-005-1080	Park Hill S.					
086-100	Putnam County	95.00	86.88	84.93	86.41	88.33
088-081	Moberly	72.72	68.67	63.84	64.12	65.50
096-088-1075	Hazelwood W.	85.39	85.37	83.17	81.41	81.54
096-089-1070	McCluer N.	72.77	73.66	68.44	67.04	78.98
096-094-1050	Mehlville	74.60	73.06	75.74	76.55	79.70
096-113	Valley Park	64.15	71.01	75.38	68.25	79.24
100-063	Sikeston	81.67	84.81	80.37	90.47	86.84
107-152	Houston	77.86	82.50	80.29	77.27	70.53
107-153	Summersville	77.08	75.00	80.55	92.15	90.90
110-029	Potosi	66.66	74.28	71.54	73.59	78.02
112-102	Marshfield	83.52	80.29	81.66	73.36	84.42
A+ Average		77.86	78.51	77.03	77.24	79.53
State Average		75.30	75.49	75.23	75.27	77.37

Average ACT Scores

County/ District Code	School Name	1995	1996	1997	1998	1999
001-091	Kirksville	22.6	22.1	23.3	23.0	23.3
011-082-1080	St. Joseph (Lafayette)	20.5	19.9	20.3	19.6	20.4
014-129	Fulton	21.3	21.7	21.5	21.7	21.6
016-096	Cape Girardeau	22.4	22.9	23.1	22.8	22.6
024-093-1050	N. Kansas City	21.8	21.7	22.5	22.5	21.7
024-093-1075	Oak Park	21.8	21.6	22.3	22.5	22.5
024-093-1090	Winnetonka	20.9	21.3	21.5	22.4	22.2
026-006	Jefferson City	21.5	22.4	22.2	21.9	22.5
027-061	Boonville	21.2	20.4	22.3	21.8	20.8
039-139	Logan- Rogersville	21.1	22.2	22.2	22.6	22.7
039-141-1050	Springfield (Central)	20.4	19.7	20.8	19.9	20.8
042-124	Clinton	20.9	20.2	20.8	21.2	21.0
045-124	New Franklin	20.5	19.9	21.4	22.5	20.6
046-134	West Plains	21.2	21.9	21.6	21.3	22.6
047-060	South Iron (Annapolis)	18.7	18.2	18.3	20.4	16.7
048-080	K. C. (Center)	21.1	10.9	20.9	21.8	20.6
051-155	Knob Noster	21.1	22.2	22.3	21.4	21.7
054-045	Lexington	21.1	22.1	21.4	20.0	20.0
055-110	Aurora	20.7	21.5	21.4	20.5	21.9
058-112	Brookfield	21.5	22.5	19.0	21.5	20.5
059-117	Chillicothe	21.2	21.7	21.5	22.0	22.4
066-102	Eldon	20.7	21.4	22.0	21.3	20.7
070-093	Montgomery Co.	21.9	21.7	22.2	21.4	21.2
072-073	Gideon	17.8	19.4	19.8	17.6	20.0
080-125	Sedalia (Smith Cotton)	21.7	21.0	21.2	21.3	21.0
081-094	St. James	21.2	20.4	20.5	20.7	21.1
081-096	Rolla	23.0	22.3	22.9	23.1	22.7
085-046	Waynesville	21.5	21.8	21.0	21.6	21.4
089-089	Richmond	20.0	20.5	21.2	19.2	20.9
092-089	Wentzville	21.3	21.7	22.7	22.4	21.8
092-090-1050	St. Charles	20.6	22.6	21.8	22.7	22.0
092-090-1075	St. Charles W.	21.6	21.6	22.3	22.4	22.3
094-078	Farmington	21.3	21.9	21.2	21.7	20.4
094-083	N. County (Bonne Terre)	20.3	20.7	21.0	21.0	20.6
096-093	Lindbergh	22.1	22.2	21.8	22.4	22.0
096-094-1075	Oakville	21.3	21.5	22.6	21.9	21.9
104-044	Reeds Spring	21.3	20.6	21.4	20.7	21.4
109-003	Warrenton	21.5	21.2	21.5	22.2	21.8

**A+ Schools Data
Set 2**

Average ACT Scores

County/ District Code	School Name	1995	1996	1997	1998	1999
004-110	Mexico	20.9	20.8	21.1	21.0	21.4
005-128	Monett	20.4	20.9	21.1	20.3	21.5
010-089	Hallsville	19.4	21.0	19.3	20.5	22.3
015-002	Candenton	22.5	22.5	22.6	21.7	22.8
024-087	Smithville	21.5	21.5	20.9	22.2	21.6
030-093	Dallas County (Buffalo)	20.7	21.9	21.3	21.7	21.5
036-126	Pacific	20.8	21.2	21.1	20.9	21.9
039-134	Republic	20.8	20.3	21.5	22.1	21.6
040-107	Trenton	20.6	20.1	19.4	20.4	19.9
046-131	Willow Springs	21.0	20.7	21.1	21.7	21.6
048-077-1050	Independence (William Chrisman)	20.5	20.2	20.6	20.9	21.3
048-077-1075	Independence (Truman)	22.0	22.0	22.0	21.1	21.8
049-132	Carl Junction	22.0	21.4	21.9	21.3	22.3
049-148	Joplin	21.6	21.9	21.8	22.2	22.2
064-075	Hannibal	21.6	21.0	21.6	21.2	21.3
076-082	Linn	21.2	20.6	20.9	18.7	19.9
088-072	Northeast R-IV (Cairo)	20.3	19.8	21.3	22.9	21.8
097-129	Marshall	20.8	20.7	20.4	20.5	20.5
103-135	Bernie	21.3	22.3	23.0	22.2	20.5

APPENDIX H

Eligibility and Enrollment Data for A+ Students

Information provided by DESE and the Department of Higher Education

Retention of A+ Students in 2-Year Colleges: A Cohort Analysis

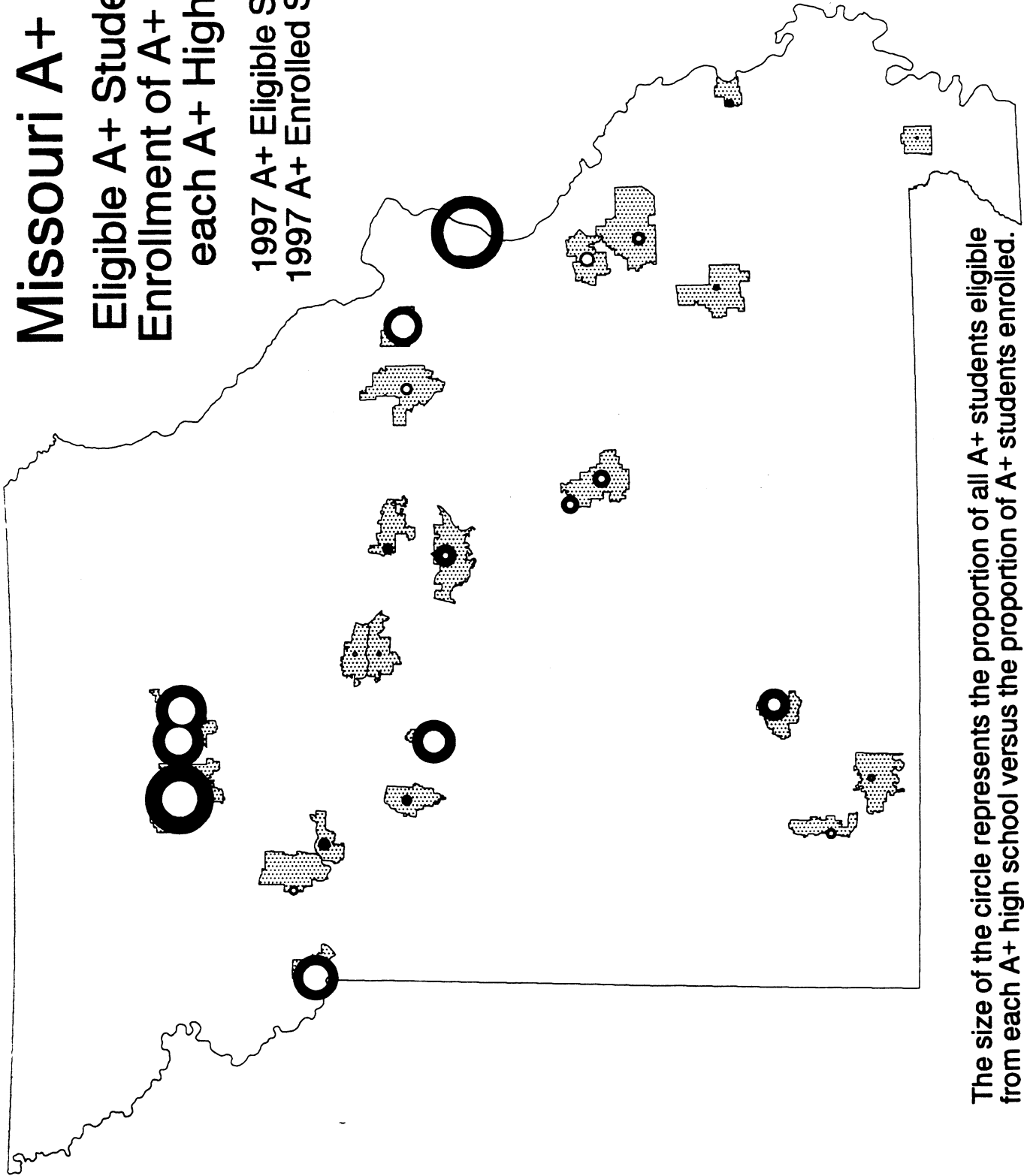
Cohort	Number Eligible	Enrolled in 2-Year In Fall Semester	Completing Fall Semester	Completing Spring Semester	Degrees & Certificates ¹
Year 1					
1997 % of Eligible % of Cohort	433 100%	300 69.3% 100%	296 68.4% 98.7%	273 63.0% 91%	< 1 Year Cert. 1 1 Year Cert. 1 Assoc. Deg. 2
1998 % of Eligible % of Cohort	1422 100%	842 59.2% 100%	842 59.2% 100%	740 52.0% 87.9%	< 1 Year Cert. 3 1 Year Cert. 1 Assoc. Deg. 1 AAS Degree 1
1999 % of Eligible % of Cohort	2913 100%	1693 58.1% 100%			
Year 2					
1997 % of Eligible % of Cohort			251 58.0% 83.7%	231 53.3% 77.0%	< 1 Year Cert. 2 1 Year Cert. 2 2 Year Cert. 1 Assoc. Deg. 31 AAS Degree 14 AA Degree 35
1998 % of Eligible % of Cohort		623 43.8% 74.0%			
Year 3					
1997 % of Eligible % of Cohort		98 22.6% 32.7%			

¹ Students may receive more than one Certificate and Degree.

Missouri A+ Students

Eligible A+ Students versus Enrollment of A+ Students at each A+ High School

1997 A+ Eligible Students = Green
1997 A+ Enrolled Students = Yellow

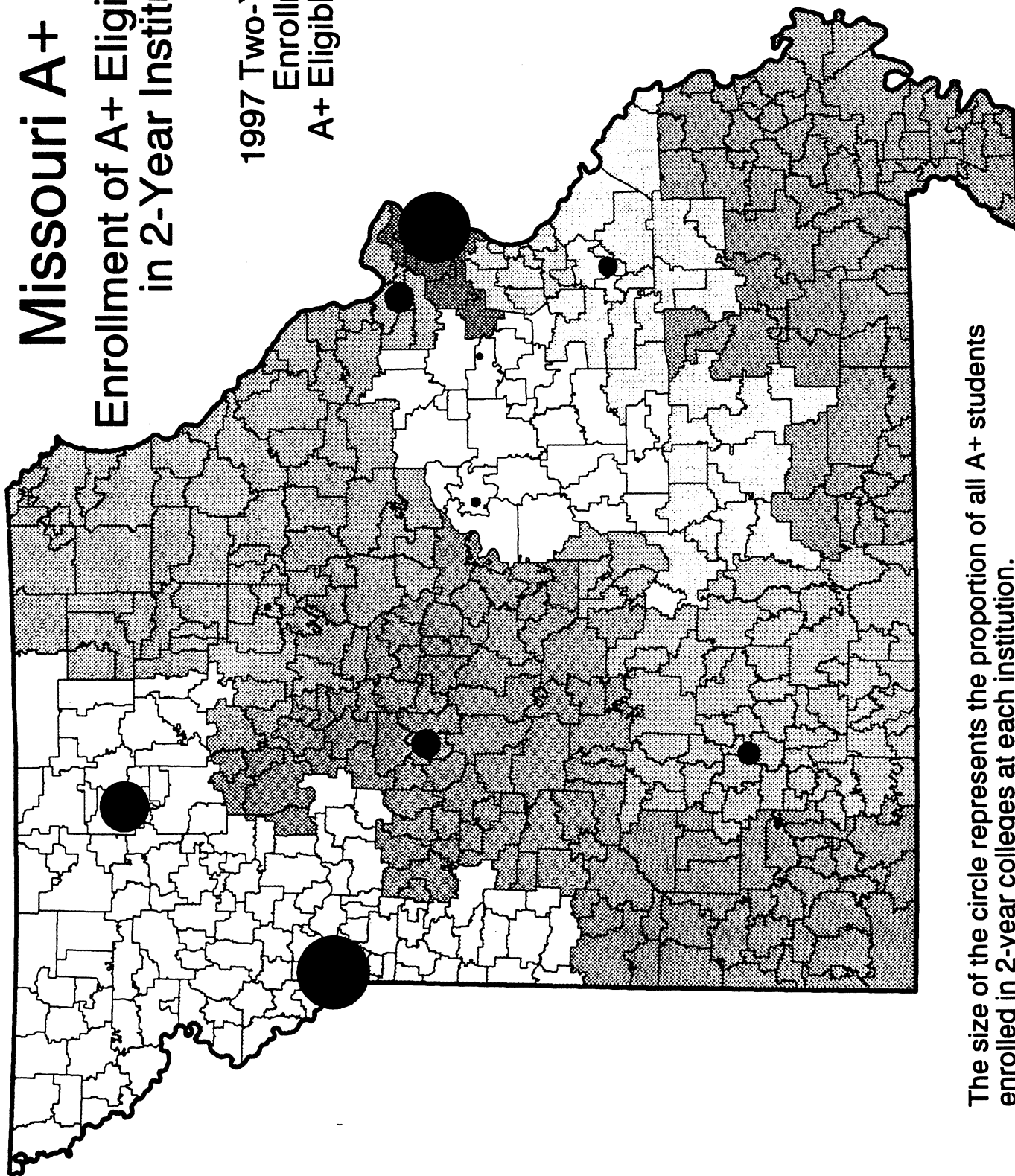


The size of the circle represents the proportion of all A+ students eligible from each A+ high school versus the proportion of A+ students enrolled.

Missouri A+ Students

Enrollment of A+ Eligible Students in 2-Year Institutions

1997 Two-Year College
Enrollment of
A+ Eligible Students

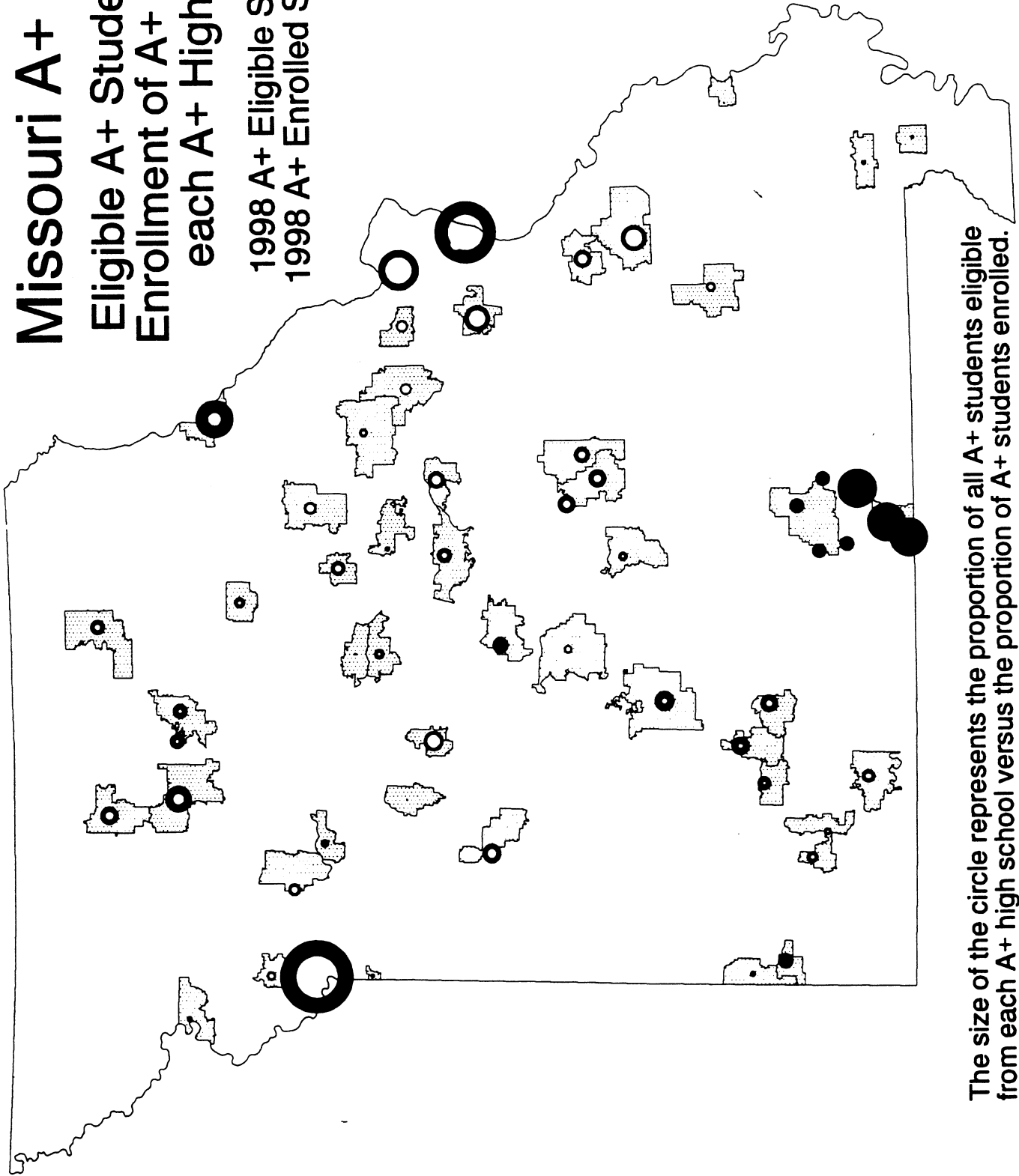


The size of the circle represents the proportion of all A+ students enrolled in 2-year colleges at each institution.

Missouri A+ Students

Eligible A+ Students versus Enrollment of A+ Students at each A+ High School

1998 A+ Eligible Students = Green
1998 A+ Enrolled Students = Yellow



The size of the circle represents the proportion of all A+ students eligible from each A+ high school versus the proportion of A+ students enrolled.

Missouri A+ Enrollment of A+ Eligible in 2-Year Institutions

1998 Two-Year Enrollment A+ Eligible

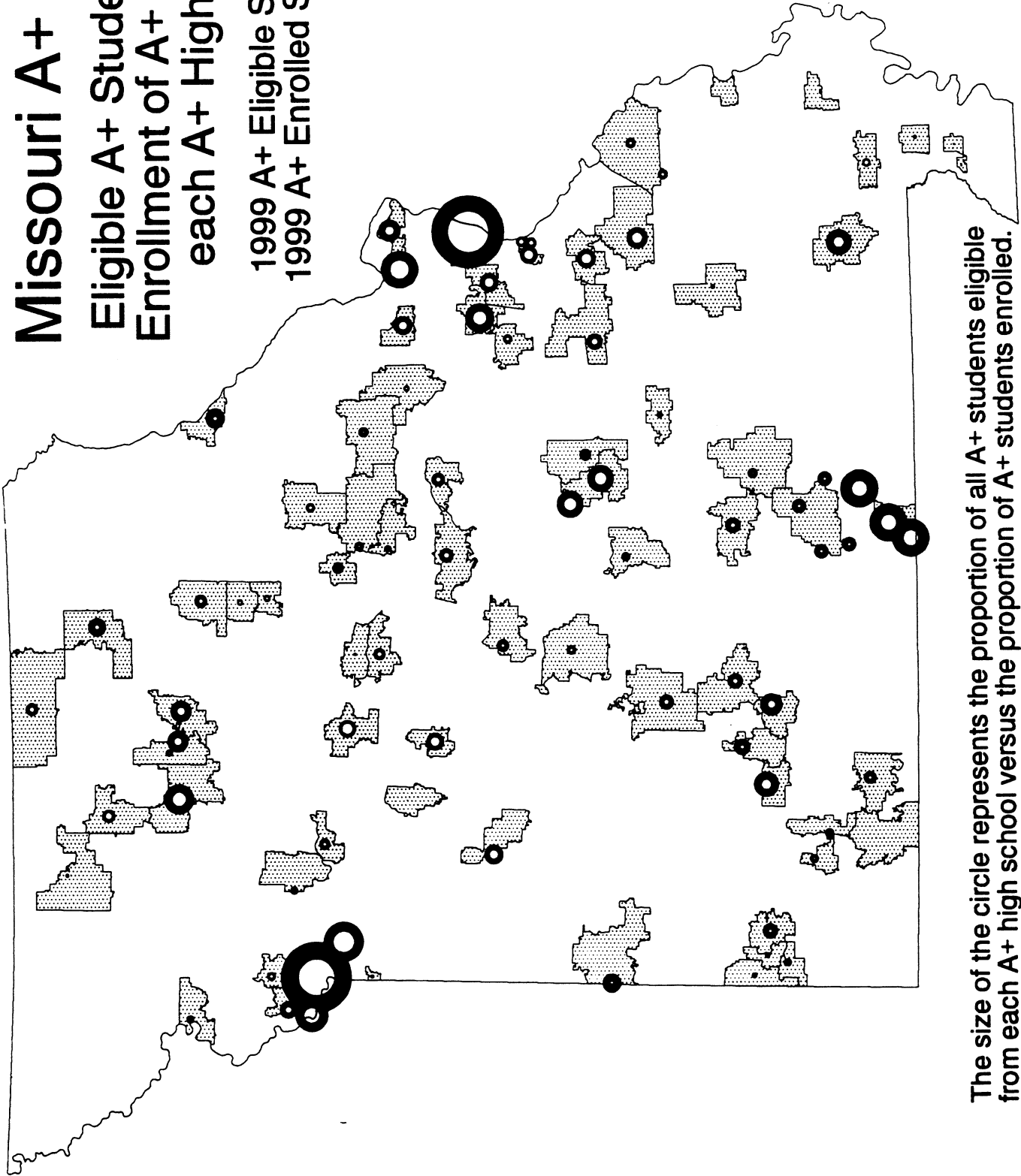
The size of the circle represents the proportion of all A+ students enrolled in 2-year colleges at each institution.

The size of the circle represents the proportion of all A+ students enrolled in 2-year colleges at each institution.

Missouri A+ Students

Eligible A+ Students versus Enrollment of A+ Students at each A+ High School

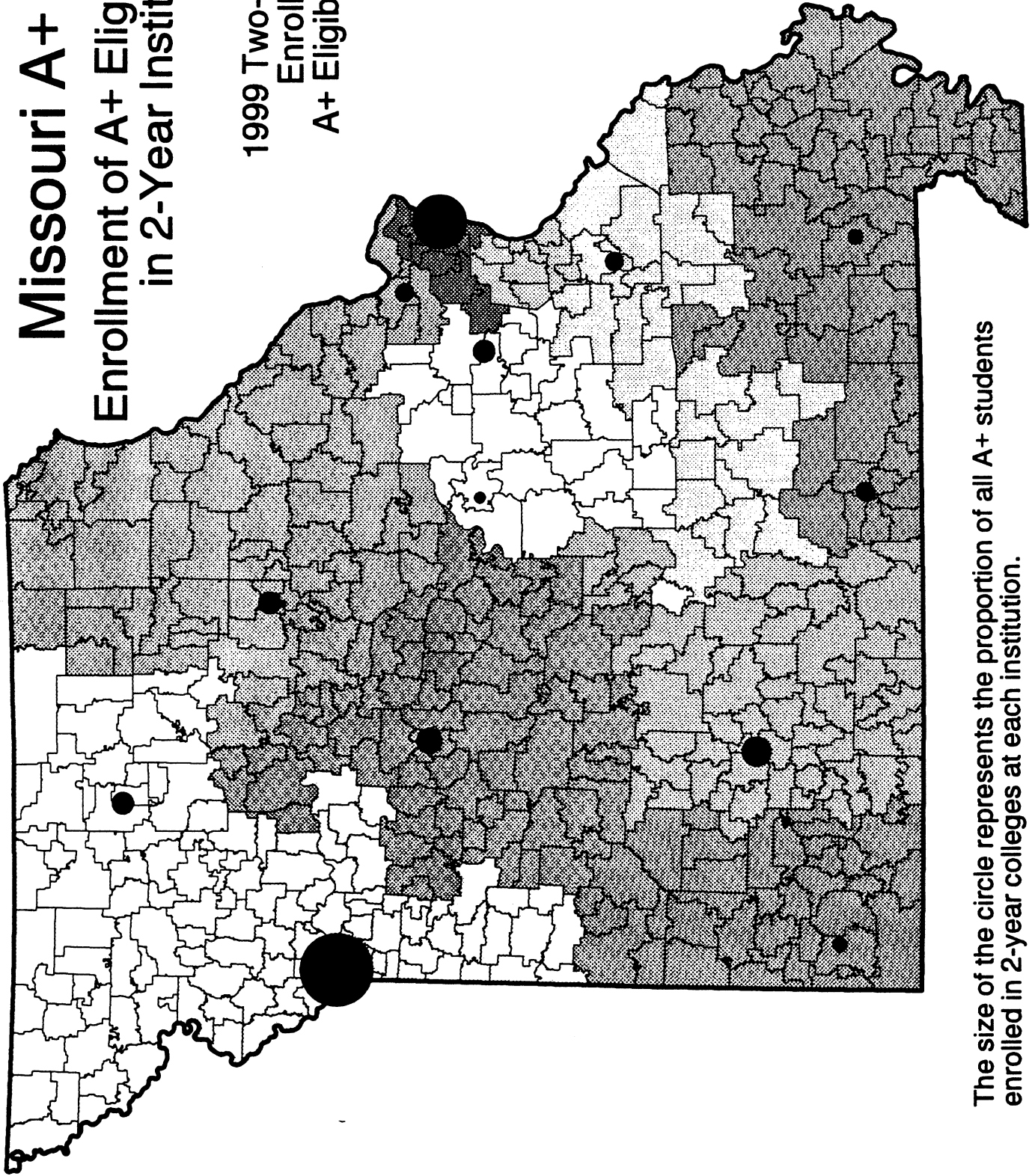
1999 A+ Eligible Students = Green
1999 A+ Enrolled Students = Yellow



The size of the circle represents the proportion of all A+ students eligible from each A+ high school versus the proportion of A+ students enrolled.

Missouri A+ Students Enrollment of A+ Eligible Students in 2-Year Institutions

1999 Two-Year College
Enrollment of
A+ Eligible Students



The size of the circle represents the proportion of all A+ students enrolled in 2-year colleges at each institution.

Table 1: 1997-98 A+ Eligible Students by High School

School Name	Number Eligible	Number Enrolled	Percent Enrolled
Aurora High	7	5	71.4%
Bonne Terre North Co. Senior High	10	10	100.0%
Boonville High	3	2	66.7%
Brookfield High	36	25	69.4%
Cape Girardeau Central Sr. High	5	1	20.0%
Chillicothe High	49	32	65.3%
Emil E. Holt Sr. High	27	22	81.5%
Farmington Sr. High	9	6	66.7%
Fulton Sr. High	7	2	28.6%
Gideon High	2	1	50.0%
Jefferson City High	15	6	40.0%
Knob Noster High	7	2	28.6%
Lexington High	8	2	25.0%
Lindbergh Sr. High	22	20	90.9%
Logan-Rogersville High	22	12	54.5%
New Franklin High	3	3	100.0%
North Kansas City High	31	23	74.2%
Oak Park High	27	20	74.1%
Oakville Sr. High	51	43	84.3%
Reeds Spring High School	5	3	60.0%
Richmond High	6	5	83.3%
Rolla Sr. High	12	7	58.3%
Smith Cotton High	30	20	66.7%
South Iron High	4	2	50.0%
Warren Co. Sr. High	8	7	87.5%
Winnetonka High	27	19	70.4%
Totals	433	300	69.3%

Table 2: 1998-99 A+ Eligible Students by High School			
School Name	Number Eligible	Number Enrolled	Percent Enrolled
Aurora High	12	8	66.7%
Bernie High	7	7	100.0%
Bonne Terre North Co. Senior High	30	22	73.3%
Boonville High	17	9	52.9%
Brookfield High	25	10	40.0%
Buffalo High	34	13	38.2%
Camdenton High	14	12	85.7%
Cape Girardeau Central Sr. High	2	2	100.0%
Carl Junction High	9	6	66.7%
Center Sr. High	7	5	71.4%
Chillicothe High	46	24	52.2%
Clinton Sr. High	33	21	63.6%
Eldon High	28	5	17.9%
Emil E. Holt Sr. High	20	19	95.0%
Farmington Sr. High	44	37	84.1%
Fulton Sr. High	8	2	25.0%
Gideon High	6	4	66.7%
Hallsville High	24	16	66.7%
Hannibal Sr. High	65	28	43.1%
Jefferson City High	25	14	56.0%
John F. Hodge High	27	17	63.0%
Joplin Sr. High	25	5	20.0%
Kirksville Sr. High	25	14	56.0%
Knob Noster High	2	2	100.0%
Lexington High	13	5	38.5%
Lindbergh Sr. High	33	24	72.7%
Linn High School	29	21	72.4%
Logan-Rogersville High	30	15	50.0%
Mexico High	21	18	85.7%
Monett High	19	11	57.9%
Montgomery Co. High	14	10	71.4%
New Franklin High	3	1	33.3%
North Kansas City High	34	24	70.6%
Northeast High	18	10	55.6%
Oak Park High	54	34	63.0%
Oakville Sr. High	108	74	68.5%
Pacific High	45	36	80.0%
Reeds Spring High School	22	14	63.6%
Republic High	23	9	39.1%
Richmond High	21	16	76.2%

Table 2: 1998-99 A+ Eligible Students by High School			
	Number	Number	Percent
School Name	Eligible	Enrolled	Enrolled
Rolla Sr. High	30	18	60.0%
Smith Cotton High	34	29	85.3%
Smithville High	15	12	80.0%
South Iron High	16	13	81.3%
Springfield Central High	31	12	38.7%
St. Charles High	30	24	80.0%
St. Charles West High	40	32	80.0%
St. Joseph Lafayette High	9	0	0.0%
Trenton Sr. High	31	19	61.3%
Warren Co. Sr. High	19	19	100.0%
Waynesville Sr. High	15	9	60.0%
West Plains Sr. High	67	3	4.5%
Willow Springs High	24	1	4.2%
Winnetonka High	39	27	69.2%
Totals	1422	842	59.2%

Table 3: 1999-2000 A+ Students by High School

School Name	Number Eligible	Number Enrolled	Percent Enrolled
Aurora High	21	10	47.6%
Bernie High	19	17	89.5%
Bonne Terre - North Co. Senior High	46	35	76.1%
Boonville High	28	18	64.3%
Brookfield High	52	26	50.0%
Buffalo High	36	18	50.0%
Camdenton High	22	13	59.1%
Cape Girardeau Central Sr. High	1	0	0.0%
Carl Junction High	12	4	33.3%
Carthage Senior High	36	14	38.9%
Cassville High	6	4	66.7%
Center Sr. High	8	3	37.5%
Chillicothe High	74	45	60.8%
Clinton Sr. High	47	30	63.8%
Crystal City High	25	18	72.0%
Eldon High	30	14	46.7%
Emil E. Holt Sr. High	45	29	64.4%
Farmington Sr. High	52	36	69.2%
Festus Sr. High	43	32	74.4%
Fulton Sr. High	16	3	18.8%
Gideon High	8	7	87.5%
Hallsville High	27	6	22.2%
Hannibal Sr. High	48	16	33.3%
Hazelwood West High	54	31	57.4%
Houston High	37	17	45.9%
Jefferson City High	34	20	58.8%
John F. Hodge High	28	4	14.3%
Joplin Sr. High	18	9	50.0%
Kennett High	3	2	66.7%
Kirksville Sr. High	44	17	38.6%
Knob Noster High	2	2	100.0%
Lafayette High	18	2	11.1%
Lexington High	26	15	57.7%
Lindbergh Sr. High	43	28	65.1%
Linn High School	32	18	56.3%
Logan-Rogersville High	54	25	46.3%
Macon Sr. High	31	17	54.8%
Marshall Sr. High	42	36	85.7%
Marshfield High	36	18	50.0%
Meadville High	16	10	62.5%
Mehlville Sr. High	71	55	77.5%
Mexico High	21	14	66.7%
Moberly Sr. High	16	12	75.0%
Monett High	20	11	55.0%

Table 3: 1999-2000 A+ Students by High School

School Name	Number Eligible	Number Enrolled	Percent Enrolled
Montgomery Co. High	24	10	41.7%
Nevada High	46	14	30.4%
New Franklin High	6	3	50.0%
North Callaway High	21	11	52.4%
North Kansas City High	49	33	67.3%
Northeast High	13	12	92.3%
Northwest High	45	32	71.1%
Oak Park High	78	46	59.0%
Oakville Sr. High	112	76	67.9%
Pacific High	72	46	63.9%
Park Hill High	81	51	63.0%
Perryville Sr. High	24	15	62.5%
Platte City High	42	22	52.4%
Poplar Bluff High	63	35	55.6%
Potosi High	39	23	59.0%
Putnam Co. High	30	18	60.0%
Reeds Spring High School	30	14	46.7%
Republic High	61	33	54.1%
Richmond High	18	10	55.6%
Rolla Sr. High	66	40	60.6%
Salem Sr. High	14	3	21.4%
Sikeston Senior High	6	1	16.7%
Smith Cotton High	42	31	73.8%
Smithville High	20	14	70.0%
South Harrison High	8	4	50.0%
South Iron High	10	9	90.0%
Springfield Central High	39	15	38.5%
St. Charles High	49	33	67.3%
St. Charles West High	43	29	67.4%
St. Clair High	22	15	68.2%
Summersville High	23	10	43.5%
Trenton Sr. High	31	24	77.4%
Truman High	62	46	74.2%
Valley Park Sr. High	12	6	50.0%
Warren Co. Sr. High	14	11	78.6%
Waynesville Sr. High	21	7	33.3%
Webb City High	12	7	58.3%
West Plains Sr. High	94	51	54.3%
William Chrisman High	38	23	60.5%
Willow Springs High	34	13	38.2%
Winnetonka High	51	36	70.6%
Totals	2913	1693	58.1%